

一、基本資料 (Personal Information)		
	中文 Chinese	英文 English
姓名 Name	歐鳳姿	Hunag-tz (Anita) Ou
職稱 Title	副教授	Associate Professor
電子郵件信箱 Email address	huangtz@mail.ncku.edu.tw	
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學歷	<ul style="list-style-type: none"> <li>·美國密西根大學藥學院 藥事行政博士(2006/9-2010/5)</li> <li>·國立成功大學臨床藥學研究所 碩士(2003/9-2005/6)</li> <li>·中國醫藥大學藥學系 學士(1999/9-2003/6)</li> </ul>	
經歷	<ul style="list-style-type: none"> <li>·美國密西根大學藥學院 博士後研究員 (2010/7-2011/7)</li> <li>·美國南達科他州立大學 助理教授 (2011/8-2012/7)</li> </ul>	
二、學術背景資料 (Academic Background)		
榮譽與獲獎 Honors and Awards		<ol style="list-style-type: none"> <li>1. International Society for Pharmacoepidemiology (ISPE) –9<sup>th</sup> Asian Conference on Pharmacoepidemiology (ACPE), November 2015, Rising Star Award</li> <li>2. 財團法人成杏醫學文教基金會優秀論文獎</li> <li>3. 台灣臨床失智症學會學術獎 獲得「臨床研究類(含各種診斷與治療)」佳作</li> </ol>
專長及研究領域 Research Areas	藥事經濟學、藥物療效研究、心理計量學	Pharmacoeconomics, clinical effectiveness of pharmacootherapy, psychometric evaluation
教學課程 Teaching Courses	藥事經濟學、藥物經濟學特論 藥物臨床試驗研究、藥物資訊專題、臨床藥學專題討論、藥物治療專題討論、藥物不良反應專題討論	
三、研究成果 (Selected Publications)		

## 1. 期刊論文(英文)

### Journal Articles (English)

1. Pei-Fang Su, Junjiang Zhong, Huang-Tz Ou. Semiparametric additive rates model for recurrent events data with intermittent gaps. (accepted for publication. October 27, 2018.) (3<sup>rd</sup> author) *Statistics in Medicine*. [Statistics & Probability, IF: 1.932, Rank: 23/123]
2. Shihchen Kuo, Chun-Ting Yang, Jin-Shang Wu, Huang-Tz Ou. Effects of intensifying triple oral antidiabetic drug therapy by initiating insulin versus enhancing oral antidiabetic drug therapy on clinical outcomes in patients with type 2 diabetes: a nationwide population-based, propensity score-matched cohort study (accepted for publication. September 1, 2018.) (corresponding author) *Diabetes Obesity & Metabolism*. [Endocrinology & Metabolism, IF: 6.20, Rank: 13/120]
3. Wen-Hsuan Hou, Kai-Cheng Chang, Chung-Yi Li, Huang-tz Ou. Dipeptidyl peptidase-4 inhibitor use is associated with decreased risk of fracture in patients with type 2 diabetes: a population-based cohort study. *British journal of clinical pharmacology* 2018;84(9): 2029-2039. (corresponding author) [Pharmacology & Pharmacy, IF: 3.838, Rank: 47/261]
4. Meng-Hsing Wu, Pei-Fang Su, Kuan-Ya Chen, Tung-Hee Tie, Hsu-Cheng Ke, Hau Chen, Yu-Chi Su, Yu-Chen Su, Huang-Tz Ou. Heart rate variability among women undergoing in vitro fertilization treatment: Its predictive ability for pregnancy. *PloS ONE* 13.3 (2018): e0193899. (corresponding author) [Multidisciplinary sciences, IF: 2.806, Rank: 15/64]
5. Chung-Ying Lin, Huang-tz Ou, Mehdi Nikoobakht, Anders Broström, Kristofer Å restedt, Amir H Pakpour. Validation of Medication Adherence Report Scale (MARS-5) in older patients with stroke: Rasch analyses on unidimensionality, differential item functioning across gender and potential determinates. (accepted for publication. December 20, 2017) (2<sup>nd</sup> author) [Nursing, IF: 2.105, Rank: 7/116]
6. Chieh-Hsiang Lu, Chen-Yi Yang, Chung-Yi Li, Cheng-Yang Hsieh, Huang-Tz Ou. Lower risk of dementia associated with use of pioglitazone as compared to other second-line treatments to metformin-based dual therapy: a population-based longitudinal study for the period 2000-2013 in Taiwan. *Diabetologia*. (accepted for publication. October 13, 2017) (corresponding author) [Health policy & services, IF: 6.080, Rank: 15/138]

7. Huang-Tz Ou, Tsung-Ying Lee, Ye-Fong Du, Chung-Yi Li. Comparative risks of diabetes-related complications of basal insulins: a longitudinal population-based cohort of type 1 diabetes 1999-2013 in Taiwan (accepted for publication. October 15, 2017) (first author & corresponding author) *British Journal of Clinical Pharmacology*. [Pharmacology & Pharmacy, IF: 3.493, Rank: 60/256]
8. Chung-Ying Lin, Tsung-Ying Lee, Zih-Jie Sun, Yi-Ching Yang, Jin-Shang Wu, Huang-tz Ou. Development of diabetes-specific quality of life module to be in conjunction with the World Health Organization Quality of Life Scale Brief Version (WHOQOL-BREF). *Health and Quality of Life Outcomes*. 2017;15(1):167. (corresponding author) [Health policy & services, IF: 2.143, Rank: 25/77]
9. Fang-Yi Hsu, Fang-Ju Li, Huang-tz Ou, Chi-Chuan Wang. Renoprotective Effect of Angiotensin-Converting Enzyme Inhibitors and Angiotensin II Receptor Blockers in Diabetic Patients with Proteinuria. *Kidney Blood Pressure Research*. 2017;42:358-368. (the third author) [Urology & nephrology, IF: 3.104, Rank: 21/76]
10. Huang-tz Ou, Tsung-Ying Lee, Yee-Chun Chen, Claudie Charbonneau. Pharmacoeconomic analysis of antifungal therapy for primary treatment of invasive candidiasis caused by *Candida albicans* and non-*albicans* *Candida* species. *BMC infectious diseases*. 2017; 17(1):481.(the first author & corresponding author) [Infectious diseases, IF: 2.768, Rank: 37/84]
11. Huang-tz Ou, Tsung-Ying Lee, Chung-Yi Li, Jin-Shang Wu, Zih-Jie Sun. Incidence of diabetes-related complications in Chinese patients with type 1 diabetes: A population-based longitudinal cohort study in Taiwan. *BMJ open*. 2017;7(6):e015117. doi: 10.1136/bmjopen-2016-015117. (the first author & corresponding author) [Medicine, General & Internal, IF: 2.369, Rank: 38/154]
12. Huang-tz Ou, Kai-Cheng Chang, Chung-Yi Li, Jin-Shang Wu. Comparative cardiovascular risks of dipeptidyl peptidase-4 inhibitors with other 2(nd) and 3(rd) line antidiabetic drugs in patients with type 2 diabetes. *British Journal of Clinical Pharmacology*. 2017;83(7):1556-1570. [Pharmacology & Pharmacy, IF: 3.493, Rank: 60/256]

13. Huang-tz Ou, Kai-Cheng Chang, Chung-Yi Li, Chen-Yi Yang, Nai-Ying Ko. Intensive statin regimens for reducing risk of cardiovascular diseases among human immunodeficiency virus-infected population: A nation-wide longitudinal cohort study 2000-2011. *International Journal of Cardiology* 2017;230:592-598 (the first author) [Cardiac & Cardiovascular system, IF: 6.189, Rank: 16/126]
14. Huang-Tz Ou, Pei-Chi Chen, Meng-Hsing Wu, Chung-Ying Lin. Metformin improved health-related quality of life in ethnic Chinese women with polycystic ovary syndrome. *Health and Quality Life Outcomes* 2016 Aug 24;14(1):119. doi: 10.1186/s12955-016-0520-9. (the first author & corresponding author) [Health Policy & Services, IF: 2.143, Rank: 25/77]
15. Huang-tz Ou, Chia-Ting Su, Wei-Ming Luh, Chung-Ying Lin. Knowing is Half the Battle: the Association Between Leisure-Time Physical Activity and Quality of Life Among Four Groups with Different Self-Perceived Health Status in Taiwan. *Applied Research in Quality of Life*: 1-14. (the first author) [Social Sciences, Interdisciplinary, IF: 1.286, Rank: 34/96]
16. Huang-Tz Ou, Chen-Yi Yang, Jung-Der Wang, Jing-Shiang Hwang, Jin-Shang Wu. Life expectancy and lifetime health care expenditures for type 1 diabetes: a nation-wide longitudinal cohort of incident cases followed for 14 years. *Value in Health* 2016;19(8): 976-984. (the first author & corresponding author) [Economics, IF: 4.235, Rank: 7/347]
17. Huang-Tz Ou, Yen-Ting Chen, Ya-Ming Liu, Jin-Shang Wu. Comparative cost-effectiveness of metformin-based dual therapies associated with the risk of cardiovascular diseases among Chinese patients with type 2 diabetes: evidence from a population-based National cohort in Taiwan. *Diabetes Research and Clinical Practice* 2016;116:14-25. doi: 10.1016/j.diabres.2016.03.013. Epub 2016 Apr 23. (the first author & corresponding author) [Endocrinology & Metabolism, IF: 3.639, Rank: 49/138]
18. Huang-Tz Ou, Chung-Ying Lin, Steve R Erickson, Rajah Balkrishnan. Refined comorbidity index based on dimensionality of comorbidity for use in studies of health-related quality of life. *Quality of Life Research* 2016;25(10):2543-2557. (the first author & corresponding author) [Public, Environmental & Occupational, IF: 2.344, Rank: 17/77]

19. Wen-Hsuan Hou, Kai-Cheng Chang, Chung-Yi Li, Huang-tz Ou. Dipeptidyl peptidase-4 inhibitor use is not associated with elevated risk of severe joint pain in patients with type 2 diabetes: a population-based cohort study. *Pain*. 2016;157:1954-1959. (corresponding author) [Anesthesiology, IF: 5.445, Rank: 1/31]
20. Huang-tz Ou, Pei-Chi Chen, Meng-Hsing Wu. Effect of Metformin by employing 2-hour post-load insulin for measuring insulin resistance in Taiwanese women with polycystic ovary syndrome. *Journal of the Formosan Medical Association* 2017;116(2):80-89. doi: 10.1016/j.jfma.2016.02.001. (the first author & corresponding author) [Medicine, General & Internal, IF: 1.969, Rank: 46/156]
21. Huang-tz Ou, Kai-Cheng Chang, Liu, Ya-Ming, Jin-Shang Wu. Recent trends in utilization of antidiabetic medications from 2008-2013: a nation-wide population-based study from Taiwan. *Journal of Diabetes* 2017;9(3):256-266. (the first author & corresponding author) [Endocrinology & Metabolism, IF: 3.039, Rank: 70/138]
22. Huang-Tz Ou, Kai-Cheng Chang, Chung-Yi Li, Jin-Shang Wu. Risks of cardiovascular diseases associated with dipeptidyl peptidase-4 inhibitors and other antidiabetic drugs in patients with type 2 diabetes: a nation-wide longitudinal study. *Cardiovascular Diabetology* 2016 Mar 1;15:41. doi: 10.1186/s12933-016-0350-4. (the first author & corresponding author) [Endocrinology & Metabolism, IF: 4.752, Rank: 25/128]
23. Chung-Ying Lin, Huang-Tz Ou, Meng-Hsing Wu, Pei-Chi Chen. Validation of Chinese Version of Polycystic Ovary Syndrome Health-Related Quality of Life Questionnaire (Chi-PCOSQ). *PLoSOne*. 2016 Apr 28;11(4):e0154343. (corresponding author) [Multidisciplinary sciences, IF: 2.806, Rank: 15/64]
24. Jyun-Hong Chen, Huang-Tz Ou, Tzu-Chieh Lin, Edward Chia-Cheng Lai, Yea-Huei Yang Kao. Pharmaceutical care of elderly patients with poorly controlled type 2 diabetes mellitus: a randomized controlled trial. *International Journal of Clinical Pharmacy* 2016 Feb;38(1):88-95. (the second author) [Pharmacology & Pharmacy, IF: 1.555, Rank: 196/256]
25. Huang-tz Ou, Meng-Hsing Wu, Chung-Ying Lin, Pei-Chi Chen. Development of Chinese Version of Polycystic Ovary Syndrome Health-Related Quality of Life Questionnaire (Chi-PCOSQ). *PlosOne* 2015;10(10):e0137772. (the first

- author & corresponding author) [Multidisciplinary sciences, IF: 2.806, Rank: 15/64]
26. Ya-Ming Liu, Huang-Tz Ou, Yen-Kuang Yang. Choice of generic versus brand-name antidepressants in a regulated prescription drug market: evidence from Taiwan. *Journal of Mental Health Policy and Economics* 2014;17(4):163-72. (the second author) [Psychiatry, IF: 1.000, Rank: 108/139]
  27. Huang-Tz Ou, Steven R. Erickson, Bhramar Mukherjee, John D. Piette, Richard P. Bagozzi, Rajesh Balkrishnan. Comparative Performances of Comorbidity Indices in Predicting Healthcare related Processes and Outcomes among Medicaid Enrollees with Type-2 Diabetes. *Population Health Management* 2012;15(4):220-229. (the first & corresponding author) [Health care sciences and services, IF: 1.262, Rank: 70/90]
  28. Huang-Tz Ou, Bhramar Mukherjee, Steven R. Erickson, John D. Piette, Richard P. Bagozzi, Rajesh Balkrishnan. Comparative Performances of Comorbidity Indices in Discriminating Health related Behaviours and Outcomes. *Health Outcomes Research in Medicine* 2011;2(2):e91-104.
  29. Huang-Tz Ou, Steven R. Feldman, Rajesh Balkrishnan. Understanding and improving treatment adherence in pediatric patients. *Seminars in Cutaneous Medicine and Surgery* 2010;29:137-140. (the first author) [Dermatology, IF: 1.600, Rank: 29/67]
  30. Ya-Ming Liu, Yea-Huei Kao Yang, Huang-Tz Ou. Hospital Competition and Prescribing Behaviors: Empirical Evidence from Taiwan. *Journal of Developing Areas* 2010;43(2): 125-141. (the third author) [Area Studies, IF: 0.357, Rank: 16/39]
  31. Bhramar Mukherjee, Huang-Tz Ou, Fei Wang, Steven R. Erickson. A new comorbidity index: the Health Related Quality of Life Comorbidity Index. *Journal of Clinical Epidemiology* 2011;64(3):309-319. (the second author) [Health care sciences and services, IF: 4.703, Rank: 3/88]

## 2. 研討會論文(英文)

### Conference Presentation (English)

1. Huang-Tz Ou§, Pei-Fang Su, Tzu-Hsuan Lin, Jia-Ying Lin, Kah-Suan Chong, Wei-Pang Chung, Yao-Chun Wen, Wei-Tse Fang. Health-state utility among breast cancer patients in Taiwan: using EQ-5D-5L and VAS as measuring instruments. Poster presentation at the International Society for

- Pharmacoeconomic and Outcomes Research Asia Pacific Conference for Health Economics and Outcomes Research. September 8-11, 2018, Tokyo, Japan.
2. Huang-Tz Ou§, Pei-Fang Su, Tzu-Hsuan Lin, Jia-Ying Lin, Kah-Suan Chong, Wei-Pang Chung, Yao-Chun Wen, Wei-Tse Fang. Factors associated with quality of life among breast cancer patients in Taiwan. Poster presentation at the International Society for Pharmacoeconomic and Outcomes Research Asia Pacific Conference for Health Economics and Outcomes Research. September 8-11, 2018, Tokyo, Japan.
  3. Han Siong Toh, Chun-Ting Yang, Yang Kai-Li, Ku Han-Chang, Huang-Tz Ou§, Chia-Te Liao, Hung-Jen Tang, Nai-Ying Ko. Direct medical costs associated with opportunistic infections in HIV-infected patients in Taiwan. Poster presentation at the International Society for Pharmacoeconomic and Outcomes Research Asia Pacific Conference for Health Economics and Outcomes Research. September 8-11, 2018, Tokyo, Japan.
  4. Chia-Te Liao, Chun-Ting Yang, Pin-Hao Chen, Han Siong Toh, Zhih-Chern Chen, Huang-Tz Ou§, Nai-Ying Ko. Direct medical cost associated with cardiovascular diseases among HIV-infected patients in Taiwan: a population-based cohort study. Podium presentation at the International Society for Pharmacoeconomic and Outcomes Research Asia Pacific Conference for Health Economics and Outcomes Research. September 8-11, 2018, Tokyo, Japan.
  5. 陳翊真、黃伶禎、歐鳳姿、王美文、葉鳳英。藥師介入住院病人用藥整合之門診追蹤與成效評估。一月，13、14日。第一屆台灣藥學聯合學術研討會，台灣。
  6. 陳品豪、鄭清鳳、林嘉音、歐鳳姿、賴嘉鎮、許美英、葉鳳英。「孕婦用藥警訊系統之精進與推動」計畫之前瞻性研究。一月，13、14日。第一屆台灣藥學聯合學術研討會，台灣。
  7. 徐紹禔、林婷薇、徐宇慧、陳宜萱、歐鳳姿。「非處方藥品資訊易讀性之精進與推動」計畫之前導研究。一月，13、14日。第一屆台灣藥學聯合學術研討會，台灣。
  8. Kai-Cheng Chang, Jason C. Hsu, Huang-Tz Ou, Impacts of FDA Safety Warning and Introduction of New Class Medications on Treatment Outcomes in Patients with Type 2 Diabetes. Poster presentation at the 10th International Society for Pharmacoepidemiology (ISPE) Asian Conference on Pharmacoepidemiology (ACPE). October 29-31, 2017, Brisbane, Australia.

9. Kai-Cheng Chang, Huang-Tz Ou, Hui-Yu Chen. Utilization of sodium-glucose cotransporter 2 inhibitors in patients with type 2 diabetes mellitus: evidence from a medical center in Taiwan. Poster presentation at the 10th International Society for Pharmacoepidemiology (ISPE) Asian Conference on Pharmacoepidemiology (ACPE). October 29-31, 2017, Brisbane, Australia.
10. Huang-tz Ou, Tsung-Ying Lee, Shih-Chen Kuo, Chen-Yi Yang. Cost-effectiveness of long-acting insulin analogues versus intermediate/long-acting human insulin for type 1 diabetes over 10 years: a nation-wide longitudinal cohort from Taiwan. Poster presentation at the International Society for Pharmacoeconomic and Outcomes Research 22<sup>th</sup> Annual International Meeting, May 20-24, 2017. Boston, MA, USA
11. Huang-tz Ou and Kai-Cheng Chang. A population-based cohort study suggests no elevated risk of severe joint pain in association with dipeptidyl peptidase-4 inhibitors use in patients with type 2 diabetes. Poster presentation at the 32<sup>nd</sup> International Conference on Pharmacoepidemiology & Therapeutic Risk Management August 25-28, 2016. Dublin, Ireland.
12. Pei-Chi Chen, Huang-tz Ou, and Meng-Hsing Wu. Health-related quality of life in women with polycystic ovary syndrome treatment with metformin. Poster presentation at the International Society of Pharmacoepidemiology 9<sup>th</sup> Asian Conference, November 14-16, 2015. Bangkok, Thailand.
13. Huang-tz Ou and Kai-Cheng Chang. Comparative effectiveness and safety of dipeptidyl peptidase-4 inhibitors as second-line in metformin-based dual antidiabetic therapy for patients with type 2 diabetes. Oral presentation at the International Society of Pharmacoepidemiology 9<sup>th</sup> Asian Conference, November 14-16, 2015. Bangkok, Thailand. (Rising star award)
14. Pei-Chi Chen, Huang-tz Ou, and Meng-Hsing Wu. Clinical effectiveness of metformin use in the women with polycystic ovary syndrome. Poster presentation at the 7<sup>th</sup> Asian Association of Schools of Pharmacy Conference, October 30- November 1, 2015, Taipei Taiwan.
15. Huang-tz Ou and Kai-Cheng Chang. Utilization of dipeptidyl peptidase-4 inhibitors in Patients with Type 2 Diabetes Mellitus: evidence from a population-based National cohort in Taiwan. Poster presentation at the 7<sup>th</sup> Asian Association of Schools of Pharmacy Conference, October 30- November 1, 2015, Taipei Taiwan.



16. Huang-tz Ou, Balkrishnan Rajesh, and Kai-Cheng Chang. Cost-effectiveness Analysis of second-Line and third-Line antidiabetic Drugs In Type 2 Diabetes: an Empirical, population-based observational Study From Taiwan. Poster presentation at the International Society for Pharmacoeconomic and Outcomes Research 20<sup>h</sup> Annual International Meeting, May 16-20, 2015. Philadelphia, PA, USA.
17. Huang-tz Ou and Yen-Ting Chen. Comparative cost-effectiveness of metformin-based oral hypoglycemic therapy in population-based data. Poster presentation at the International Society for Pharmacoeconomic and Outcomes Research 19<sup>th</sup> Annual International Meeting, May 31-June 4, 2014 Palais des Congress de Montreal, Montreal, QC, Canada.
18. Huang-tz Ou and Steven R Erickson. Validation of a Refined Health related Quality of Life Comorbidity Index in Populations through Cross-Sectional Surveys. Poster presentation at 30<sup>th</sup> International Conference on Pharmacoepidemiology & Therapeutic Risk Management (ICPE) October 24-27, 2014, Taipei, Taiwan.
19. Huang-Tz Ou, Rajesh Balkrishnan and Steven R. Erickson. Comorbidity burden on the quality of diabetes care. Oral presentation at the congress of the International Pharmaceutical Federation (FIP), Aug 31st – Sept. 5th, 2013, Dublin, Ireland.
20. Huang-Tz Ou, Ke-Ching Wang, Yi-Shuang Chen and Wei-Chih Liu. A pilot study to explore pharmacy workforce issues in Asian countries. Presentation at the congress of the International Pharmaceutical Federation (FIP), Aug 31st – Sept. 5th, 2013, Dublin, Ireland.
21. Huang-Tz Ou, Ying-Li Chen, Chin-Yee Kok and Wei-Chih Liu. Good Pharmacy Practice in Asian Developing Countries: Present and Future. Oral presentation at the congress of the International Pharmaceutical Federation (FIP), Aug 31st – Sept. 5th, 2013, Dublin, Ireland.